

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 6, 11, 15, 20, and 25. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

- 1 1. (Currently Amended) A robot system, comprising:
2 a remote station that has a camera that captures a remote station image;
3 a robot that is controlled by said remote station and has a monitor that displays the
4 remote station image, and a camera that captures a robot image; and,
5 a head worn device, said head worn device generates input signals in response to
6 movement of said head worn device, said robot camera moves in conjunction with the
7 movement of said head worn device, said head worn device displays said ~~remote station~~
8 ~~and-robot~~ images.

- 1 2. (Original) The system of claim 1, wherein said robot includes a holonomic
2 mobile platform.

- 1 3. (Previously Presented) The system of claim 1, wherein said head worn
2 device displays graphics.

- 1 4. (Original) The system of claim 1, wherein said head worn device includes a
2 microphone.

1 5. (Original) The system of claim 4, wherein said remote station includes a
2 speech interface that interprets robot commands entered through said microphone.

1 6. (Currently Amended) A robot system, comprising:
2 a remote station with a camera that captures a remote station image, ~~said head~~
3 ~~worn means displays said remote station and remote station and robot images;~~
4 a robot that is controlled by said remote station and has a monitor that displays the
5 remote station image and a camera captures a robot image; and,
6 head worn means for moving said robot camera in conjunction with movement of a
7 user's head and displaying the ~~remote station and~~ robot images.

1 7. (Original) The system of claim 6, wherein said robot includes a holonomic
2 mobile platform.

1 8. (Previously Presented) The system of claim 6, wherein said head worn
2 device means displays graphics.

1 9. (Original) The system of claim 6, wherein said head worn means includes a
2 microphone.

1 10. (Original) The system of claim 9, wherein said remote station includes a
2 speech interface that interprets robot commands entered through said microphone.

1 11. (Currently Amended) A method for moving a camera of a robot,
2 comprising:
3 moving a head worn device;
4 generating input signals that correspond to the movement of the head worn device;
5 processing the input signals into a robot command;
6 transmitting the robot command to a robot;
7 moving a camera of the robot in response to the robot command;
8 capturing a robot image with the robot camera;
9 capturing a remote station image with a remote station camera;
10 displaying the robot image ~~and the remote station image~~ with the head worn
11 device; and,
12 displaying the remote station image on a monitor of the robot.

1 12. (Original) The method of claim 11, further comprising moving the robot
2 across a surface.

1 13. (Original) The method of claim 11, further comprising transmitting video
2 images between the robot and a remote station.

1 14. (Original) The method of claim 11, further comprising entering a robot
2 input command into a microphone of the head worn device and processing the robot input
3 command into a robot movement command, transmitting the robot movement command
4 to the robot, and moving the robot.

1 15. (Currently Amended) A robot system, comprising:
2 a broadband network;
3 a remote station that is coupled to said broadband network and has a camera that
4 captures a remote station image;
5 a robot that is controlled by said remote station and coupled to said broadband
6 network and has a monitor that displays the remote station image, and a camera that
7 captures a robot image; and,
8 a head worn device, said head worn device generates input signals in response to
9 movement of said head worn device, said robot camera moves in conjunction with the
10 movement of said head worn device, said head worn device displays said ~~remote station~~
11 ~~and~~ robot images.

1 16. (Original) The system of claim 15, wherein said robot includes a
2 holonomic mobile platform.

1 17. (Previously Presented) The system of claim 15, wherein said head worn
2 device displays graphics.

1 18. (Original) The system of claim 15, wherein said head worn device includes
2 a microphone.

1 19. (Original) The system of claim 18, wherein said remote station includes a
2 speech interface that interprets robot commands entered through said microphone.

1 20. (Currently Amended) A robot system, comprising:

2 a broadband network;

3 a remote station that is coupled to said broadband network, said remote station has

4 a camera that captures a remote station image;

5 a robot that is controlled by said remote station and is coupled to said broadband

6 network and has a monitor that displays the remote station image, and a camera that

7 captures a robot image; and,

8 a head worn device means for moving said robot camera in conjunction with
9 movement of a user's head and displaying the ~~remote station and~~ robot images.

1 21. (Original) The system of claim 20, wherein said robot includes a
2 holonomic mobile platform.

1 22. (Previously Presented) The system of claim 20, wherein said head worn
2 means displays graphics.

1 23. (Original) The system of claim 20, wherein said head worn means includes
2 a microphone.

1 24. (Original) The system of claim 23, wherein said remote station includes a
2 speech interface that interprets robot commands entered through said microphone.

1 25. (Currently Amended) A method for moving a camera of a robot,
2 comprising:
3 moving a head worn device;
4 generating input signals that correspond to the movement of the head worn device;
5 processing the input signals into a robot command;
6 transmitting the robot command to a robot through a broadband network;
7 moving a camera of the robot in response to the robot command;
8 capturing a robot image with the robot camera;
9 capturing a remote station image with a remote station camera;
10 displaying the robot image ~~and the remote station image~~ with the head worn
11 device; and
12 displaying the remote station image on a monitor of the robot.

1 26. (Original) The method of claim 25, further comprising moving the robot
2 across a surface.

1 27. (Original) The method of claim 25, further comprising transmitting video
2 images between the robot and a remote station.

1 28. (Original) The method of claim 27, further comprising entering a robot
2 input command into a microphone of the head worn device and processing the robot input
3 command into a robot movement command, transmitting the robot movement command
4 to the robot, and moving the robot.